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=> s PrP (p)isoform
L1 1478 PRP (P) ISOFORM

=> s l1 (p)size
L2 57 L1 (P) SIZE

=> s l2 (p)ratio
L3 0 L2 (P) RATIO

=> s l2(p)sc
L4 23 L2(P) SC

=> duplicate remove l4
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, EMBASE'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L4
L5 14 DUPLICATE REMOVE L4 (9 DUPLICATES REMOVED)

=>

FILE 'MEDLINE' ENTERED AT 12:21:05 ON 21 AUG 2003

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=> s prion(w)(spleen or lymph or tonsil)
L1 0 PRION(W) (SPLEEN OR LYMPH OR TONSIL)

=> s prion(p)(spleen or lymph or tonsil)
L2 438 PRION(P) (SPLEEN OR LYMPH OR TONSIL)

=> s l2(p)deriv?
L3 30 L2(P) DERIV?

=> duplicate remove l3
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, CAPLUS, EMBASE'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
L4 13 DUPLICATE REMOVE L3 (17 DUPLICATES REMOVED)

=> d his

(FILE 'HOME' ENTERED AT 12:20:42 ON 21 AUG 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:21:05 ON 21 AUG 2003
L1 0 S PRION(W) (SPLEEN OR LYMPH OR TONSIL)
L2 438 S PRION(P) (SPLEEN OR LYMPH OR TONSIL)
L3 30 S L2(P)DERIV?
L4 13 DUPLICATE REMOVE L3 (17 DUPLICATES REMOVED)

WEST

Freeform Search

Database:

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JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

tonsil same prion

Display:

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side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

| | | | |
|-----------|--|-----|-----------|
| <u>L7</u> | tonsil same prion | 7 | <u>L7</u> |
| <u>L6</u> | spleen same prion | 25 | <u>L6</u> |
| <u>L5</u> | lymph same prion | 14 | <u>L5</u> |
| <u>L4</u> | PrP same (spleen or tonsil or lymph) | 34 | <u>L4</u> |
| <u>L3</u> | prion same (spleen or tonsil or lymph) | 34 | <u>L3</u> |
| <u>L2</u> | L1 same (spleen or tonsil or lymph) | 7 | <u>L2</u> |
| <u>L1</u> | prion same PrP | 123 | <u>L1</u> |

END OF SEARCH HISTORY

WEST

Freeform Search

Database:

US Patent Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

11 same size

Display:

10

Documents in Display Format:

CIT

Starting with Number

1

Generate:☐

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Hit Count

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Side by Side

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DATE: Thursday, August 21, 2003[Printable Copy](#)[Create Case](#)Set Name
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result set*DB=USPT; PLUR=YES; OP=OR*

| | | | |
|-----------|-----------------|-----|-----------|
| <u>L5</u> | L4 same ratio | 0 | <u>L5</u> |
| <u>L4</u> | 11 same size | 14 | <u>L4</u> |
| <u>L3</u> | 11 same Sc | 5 | <u>L3</u> |
| <u>L2</u> | L1 same glyco\$ | 25 | <u>L2</u> |
| <u>L1</u> | prion same PrP | 123 | <u>L1</u> |

END OF SEARCH HISTORY

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:593181 CAPLUS
DN 127:245135
TI Proteinase K-resistant prion protein detection in animal tissues and in vitro
AU Race, Richard E.; Ernst, Darwin
CS Laboratory of Persistent Viral Diseases, Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Hamilton, MT, USA
SO Bovine Spongiform Encephalopathy: The BSE Dilemma, [Proceedings of the International Workshop on Bovine Spongiform Encephalopathy: The BSE Dilemma], 6th, Williamsburg, Va., Feb. 26-Mar. 1, 1995 (1996), 317-324. Editor(s): Gibbs, Clarence J. Publisher: Springer, New York, N. Y. CODEN: 64ZIAF
DT Conference
LA English
AB The proteinase K-resistant form (PrP-res) of the endogenous **prion** protein (PrP-sen) was detected in brain and **spleen** of mice; **spleen**, and **lymph** node of naturally infected sheep; and in vitro in scrapie-infected mouse neuroblastoma cells. In these situations detection of PrP-res by immunoblotting was compared to detection of infectious scrapie agent by bioassay in mice. In addn., we showed that detection of PrP-res in sheep brain, **spleen**, or **lymph** node identified more scrapie-pos. sheep than could be identified using microscopic evaluation of sheep brain. PrP-res was also detected in the brains of cattle exptl. inoculated intracerebrally with a brain homogenated **derived** from scrapie pos. sheep. The results suggested that surveillance for bovine spongiform encephalopathy-like disease in cattle should include diagnostic methods based on detection of PrP-res.

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